



**NATIONAL
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KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:
Univ. of Ky - Agr'l Weather Center
U.S. Dept. of Commerce - NOAA
Kentucky Department of Agriculture
Cooperative Extension Service

LELAND E. BROWN, Director

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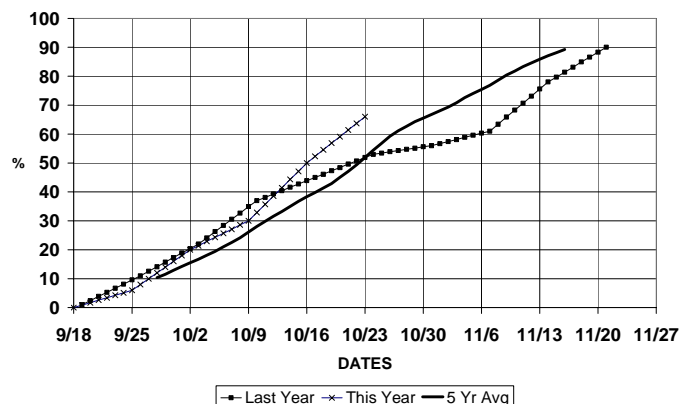
AGRICULTURAL NEWS: Warm dry weather continued across Kentucky during the past week with temperatures averaging 61 degrees, 4 degrees above normal. Farmers reported excellent conditions for harvesting corn, tobacco, and soybeans. Days suitable for fieldwork averaged 5.9 days out of seven. On Friday, October 21, topsoil moisture was rated 40 percent very short, 41 percent short and 19 percent adequate. Subsoil moisture was rated 40 percent very short, 42 percent short and 18 percent adequate.

CORN & SOYBEANS: Combining continued and as of Sunday, October 23, 93 percent of the corn crop was harvested, up slightly from last year and the 5 year average. Sixty-six percent of soybeans were harvested, ahead of last year and the 5 year average. Corn and soybean harvest slowed by weekend rain.

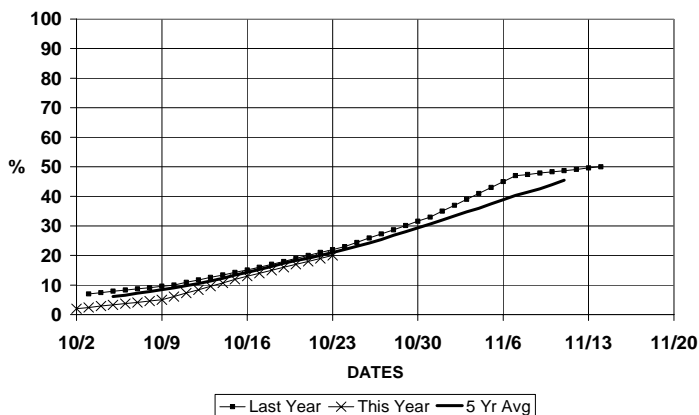
TOBACCO: Farmers continue cutting and stripping tobacco. Stripped tobacco conditions were rated 1 percent very poor, 6 percent poor, 32 percent fair, 50 percent good, and 11 percent excellent. As of Sunday, October 23, 20 percent of burley tobacco had been stripped, slightly behind both last year and average.

OTHER CROPS: Farmers had planted 70 percent of the 2006 winter wheat crop as of Sunday, October 23. This is about one week ahead of both last year and the five year average. Rain is needed soon for good germination of the crop, late week rain should help in some areas. **Pastures** were rated 15 percent very poor, 35 percent poor, 32 percent fair, 16 percent good, and 2 percent excellent. Farmers indicated that pastures are in poor condition due to limited rainfall. One-third of livestock producers report an inadequate local hay supply for winter needs.

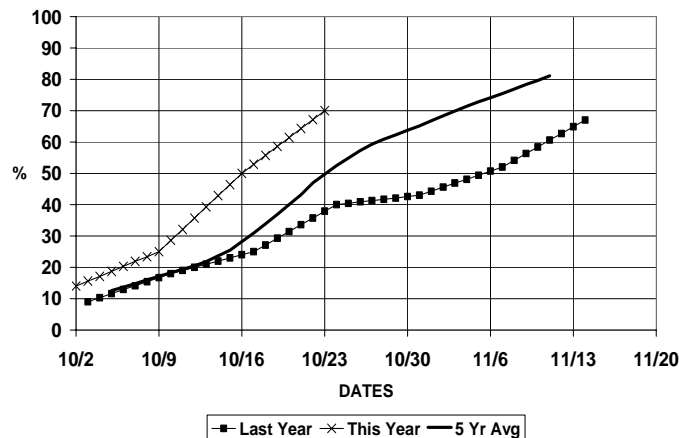
SOYBEANS HARVESTED PROGRESS



BURLEY TOBACCO PERCENT STRIPPED



WINTER WHEAT SEEDING COMPLETED



KENTUCKY CROP PROGRESS

WEEK ENDING OCTOBER 23, 2005
WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Soybeans					
Harvested	66	52	52	50	76
Corn					
Harvested	93	91	90	88	49
Burley Tobacco					
Stripped	20	22	21	13	NA
Wheat					
Seeded	70	38	50	50	78

(NA)Data Not Available.

SOIL MOISTURE

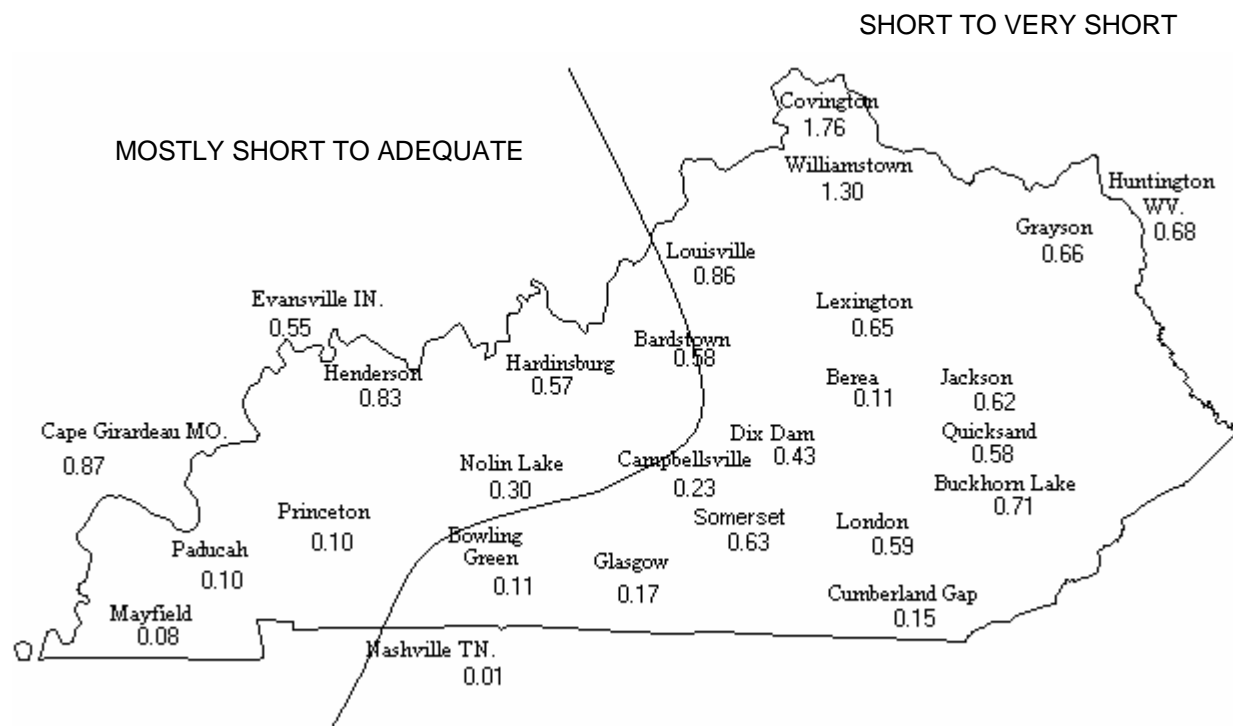
WEEK ENDING OCTOBER 21, 2005
WITH COMPARISONS

	This Week	Previous Week
Percentage		
TOPSOIL		
Very Short	40	30
Short	41	49
Adequate	19	20
Surplus	0	1
SUBSOIL		
Very Short	40	30
Short	42	49
Adequate	18	20
Surplus	0	1

KENTUCKY CROP CONDITIONS (Percent)

WEEK ENDING OCTOBER 21, 2005						WEEK ENDING OCTOBER 14, 2005				
CROP	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT	VERY POOR	POOR	FAIR	GOOD	EXCEL- LENT
Fall Wheat Seeded	0	14	43	40	3	NA	NA	NA	NA	NA
Pasture	15	35	32	16	2	16	30	30	21	3
Stripped Tobacco	1	6	32	50	11	NA	NA	NA	NA	NA

PRECIPITATION MAP FOR WEEK ENDING SUNDAY, OCTOBER 23, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, OCTOBER 21, 2005



KENTUCKY WEATHER SUMMARY, OCTOBER 17 - 23, 2005:

ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:

Mostly a dry, very warm week with record and near-record temperatures during the middle and latter half of the workweek. A stalled-out frontal system provided rainfall to mostly northern half of the State on Thursday and Friday, and in the east on Saturday. This week's temperatures continued the warm spell of the past 3 months (14th week straight with above normal temperatures) and the 7th week straight with below normal rainfall. Both the Bluegrass area and East sections of the State had dropped into severe hydrologic drought according to the Palmer Drought Index (Oct.17, 2005)

Temperatures for the period averaged 61 degrees across the State which was 4 degrees above normal. High temperatures averaged from 73 in the West to 72 in the East. Departure from normal high temperatures ranged from 3 degrees above normal in the West to 5 degrees above normal in the East. Low temperatures averaged from 49 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 2 degrees above normal in the West to 6 degrees above normal in the East. Extreme high temperatures were near 88 degrees and extreme low temperatures were near 37 degrees.

Rainfall for the period totaled 0.56 inches statewide which was 0.10 inches below normal. Rainfall totals by climate division, West 0.42 inches, Central 0.43 inches, Bluegrass 0.80 inches and East 0.58 inches, which was -0.27, -0.23, +0.18 and -0.10 inches respectively from normal. By station, rainfall totals ranged from a low of 0.01 inches at Nashville to a high of 1.76 inches at Covington.

Tom Priddy

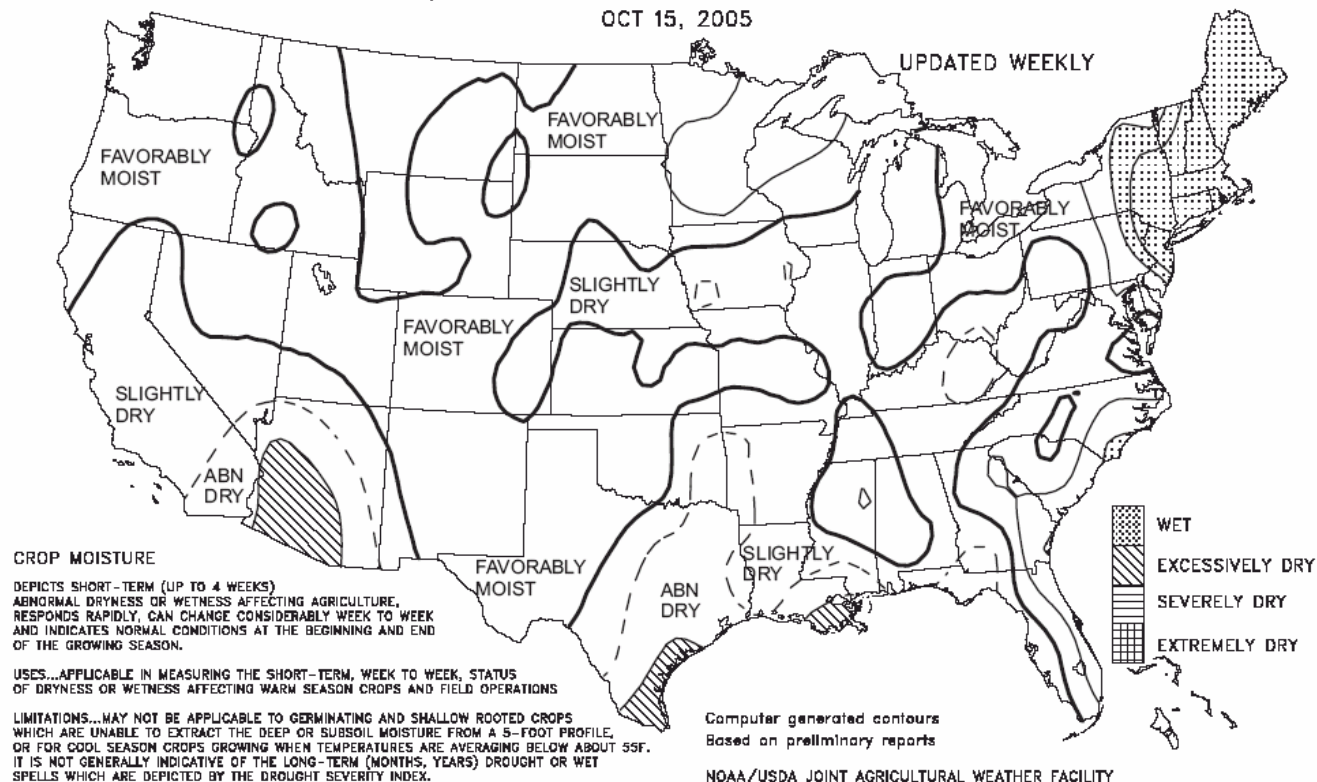
KENTUCKY TEMPERATURES AND RAINFALL FOR WEEK ENDING SUNDAY, OCTOBER 23, 7:00 P.M.

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks	High	Low	Wkly Avg.	Dev. From Norm	Average	
										High	Low
	(Inches)			(Degrees Fahrenheit)							
Bardstown	0.58	26.84	1.39	+0.79	-1.05	86	39	62.0	+6	95	48
Berea	0.11	23.49	0.86	-4.02	-1.88	82	42	63.1	+8	87	47
Bowling Green	0.11	23.12	0.63	-4.52	-2.23	89	38	61.7	+5	--	--
Bristol	0.35	22.91	2.00	-0.50	-0.46	80	36	59.3	+4	--	--
Buckhorn Lake	0.71	13.31	0.96	-12.94	-1.74	85	39	60.8	+6	--	--
Cape Girardeau	0.87	25.17	1.72	-0.75	-1.10	90	39	60.3	+2	--	--
Campbellsville	0.23	24.81	1.45	-6.20	-1.66	85	36	63.5	+7	95	50
Covington	1.76	20.25	2.75	-4.21	+0.15	82	39	54.6	-0	--	--
Cumberland Gap	0.15	14.38	0.91	-13.90	-2.05	85	39	61.1	+6	94	49
Dix Dam	0.43	21.49	0.90	-5.53	-1.79	84	40	61.7	+7	--	--
Evansville	0.55	22.47	0.95	-2.04	-1.67	88	40	59.7	+1	--	--
Glasgow	0.17	28.46	0.78	-1.21	-2.10	86	34	63.7	+7	99	59
Grayson	0.66	21.03	1.45	-4.28	-1.23	82	39	58.3	+3	94	49
Hardinsburg	0.57	22.31	1.46	-5.12	-1.41	87	40	61.4	+5	94	54
Henderson	0.83	22.03	1.66	-3.35	-0.98	88	40	60.4	+2	94	49
Huntington	0.68	21.72	2.48	-3.71	-0.18	81	38	57.4	+2	--	--
Jackson	0.62	22.25	1.50	-5.09	-1.25	86	42	62.0	+7	--	--
Lexington	0.65	19.32	1.54	-6.73	-0.90	84	40	59.6	+4	--	--
London	0.59	20.52	2.12	-4.88	-0.51	84	37	60.3	+5	--	--
Louisville	0.86	23.10	1.74	-2.43	-0.80	87	41	59.7	+3	--	--
Mayfield	0.08	17.11	0.13	-11.29	-3.21	85	39	60.6	+2	94	49
Nashville	0.01	20.90	0.78	-4.70	-1.73	89	41	64.4	+8	--	--
Nolin Lake	0.30	23.41	0.82	-5.89	-2.24	87	39	61.9	+6	--	--
Paducah	0.10	22.66	0.68	-4.79	-2.16	88	40	61.4	+3	92	49
Princeton	0.10	25.44	0.81	-2.06	-2.01	89	39	63.2	+5	97	50
Quicksand	0.58	18.11	0.95	-9.23	-1.80	85	39	60.7	+6	94	49
Somerset	0.63	21.37	1.61	-7.53	-1.48	86	37	63.9	+9	94	49
Spindletop	0.56	14.88	1.10	-11.17	-1.34	85	38	58.2	+3	96	52
Williamstown	1.30	22.51	2.30	-3.49	-0.45	83	39	56.6	+1	94	49

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

Crop Moisture
SHORT TERM, CROP NEED VS. AVAILABLE WATER IN 5-FT. SOIL PROFILE
OCT 15, 2005

UPDATED WEEKLY



This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, on the Internet go to <http://www.nass.usda.gov/sub-form.htm> and follow the instructions.